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Title: **GiDEL announce the *PSDB\_HDMI*™ daughter board which enables *PROC* boards to connect to High-Definition Multimedia Interface (HDMI) and to Digital Video Interface (DVI).**

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GiDEL the leading electronic board designer and manufacturer has announced the introduction of the *PSDB\_HDMI* daughter board for use with its popular *PROC* boards to connect to high definition multimedia interface (HDMI) and to digital video interface (DVI). GiDEL's *PROC boards* feature high-performance FPGAs system based on Altera's Stratix III & IV families and a flexible design that makes the boards easy to configure for a wide variety of applications. GiDEL provide cost-effective integrated building blocks and production boards to system builders that need fast prototyping in order to cut development time. To ASIC / SoC / IP designers GiDEL offer simulation acceleration, real-time emulation, and verification tools.



The features of the *PSDB\_HDMI* can be summarized as follows:-

- compatible with HDMI v. 1.3, HDMI v. 1.0, and HDCP v. 1.2
- Receiver bandwidths of up to 150 MHz
- Transmitter bandwidth of up to 165 MHz
- Support wide range of formats and resolutions:
- Transmitter supports all HDTV formats (up to 1080p) and display resolutions up to UXGA (1600 × 1200 @ 60 Hz).
- Receiver supports all HDTV formats (up to 1080p) and display resolutions up to SXGA (1280 × 1024 @ 75 Hz).
- TMDS interface
- Automatically detected by hardware and software
- Comprised of two 29-pin standard DVI female connectors compatible with HDMI and DVI standards

For more information, a full data book can be downloaded from our website at [www.alrad.co.uk](http://www.alrad.co.uk).

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